

 **PORTAL**
USPTO

Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide
 platform independent xml superstructure 

Searching within **The ACM Digital Library** for: platform independent xml superstructure (start a search)

Found 35 of 258,874

REFINE YOUR SEARCH

▼ Refine by Keywords
 
 Discovered Terms

▼ Refine by People
 Names
 Institutions
 Authors
 Reviewers

▼ Refine by Publications
 Publication Year
 Publication Names
 ACM Publications
 All Publications
 Content Formats
 Publishers

▼ Refine by Conferences
 Sponsors
 Events
 Proceeding Series

ADVANCED SEARCH

 Advanced Search

FEEDBACK

 Please provide us with feedback

Found 35 of 258,874

Search Results

Results 1 - 20 of 35

 Save results to a Binder

1 Composing simulations from XML-specified model components

Mathias Röhl, Adelinde M. Uhrmacher

December 2006 **WSC '06: Proceedings of the 38th conference on Winter simulation**
 Publisher: Winter Simulation Conference

Full text available:  Pdf (176.44 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 35, Download

This paper is about the flexible composition of efficient simulation models. A framework that can be added as an additional layer on top of simulator specifications ...

2 Composing simulation models using interface definitions based on XML

Mathias Röhl, Stefan Morgenstern

December 2007 **WSC '07: Proceedings of the 39th conference on Winter simulation**
 Publisher: IEEE Press

Full text available:  Pdf (185.47 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 65, Download

Using models in different contexts poses major integration challenges, especially if developed model components cannot be easily integrated even if based on the ...

3 MDA-based approach for embedded software generation from a UML design space

Francisco A. M. do Nascimento, Marcio F. da S. Oliveira, Marco A. Wehrmeier

August 2006 **SBCCI '06: Proceedings of the 19th annual symposium on Industrial and commercial applications of computers in control**
 Publisher: ACM

Full text available:  Pdf (341.15 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 90, Download

This work presents a UML/MOF meta-modeling infrastructure, following a design space exploration of embedded systems, based on the independent mapping from the application ...

Keywords: MDA, UML, design space exploration, embedded systems design

4 An automatic transformation from COSA software architecture to CCA

Adel Alti, Maheddine Djoudi, Adel Smeda

June 2008

NOTERE '08: Proceedings of the 8th international conference**Publisher:** ACMFull text available:  Pdf (795.39 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 64, Download

Recently, middleware as an abstraction layer is completely integrated in heterogeneity and guaranteeing the transparency communication of distributed architecture and implementation ...

Keywords: CORBA, COSA, MDA, UML profile, architectures description transformation rules

5 Transformation techniques in the model-driven development process Nora Koch

July 2006

ICWE '06: Workshop proceedings of the sixth international c**Publisher:** ACMFull text available:  Pdf (378.74 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 174, Download

Development of Web software is still an inefficient and error-prone process support for automated generation of Web systems. The goal of model-driven engineering is to solve problems introducing a ...

Keywords: MDA, UML, UWE, Web Engineering, metamodel, model transformation language, transformation language

6 Bridging existing Web modeling languages to model-driven engineering Andrea Schauerhuber, Manuel Wimmer, Elisabeth Kapsammer

July 2006

ICWE '06: Workshop proceedings of the sixth international c**Publisher:** ACMFull text available:  Pdf (210.02 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 134, Download

Metamodels are a prerequisite for model-driven engineering (MDE) in general. In engineering in particular. Various modeling languages, just as in the web, have their own metamodels and standards ...

Keywords: DTD, metamodel, model driven web engineering, web modeling

7 Toward an UML-based composition of grid services workflows Youssra BenDaly Hiaoui, Leila Jemni BenAyed

July 2008

AUPC '08: Proceedings of the 2nd international workshop on

challenges for ubiquitous and pervasive computing

Publisher: ACMFull text available:  Pdf (179.55 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 119, Download

Semi automatic and semantic composition of workflows from Web and C

today's distributed applications. This paper focuses on how to model and implement services without considering lower ...

Keywords: grid services, mda approach, uml activity diagram, workflow

- 8 Development of semantic web services: model driven approach**

Djamel Amar Bensaber, Mimoun Makti

June 2008 **NOTERE '08: Proceedings of the 8th international conference**

Publisher: ACM

Full text available: Pdf (586.35 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 55, Downloads (12 Months): 302, Download

The power of Web Service (WS) technology lies in the fact that it establishes a common interface for distributed computing applications, in intranets as well as throughout the Internet. Web Services promise to ...

Keywords: MDA, OWL-S, UML, WSDL, reverse engineering, semantic web

- 9 MDA refinements along middleware-specific concern-dimensions**

Raul Silaghi

October 2004 **DSM '04: Proceedings of the 1st international doctoral symposium**

Publisher: ACM

Full text available: Pdf (120.95 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 64, Download

Over the last decades, middleware has become an integral part in the development of distributed systems. Nevertheless, currently existing software engineering methods continue to ignore requirements, ignoring more ...

Keywords: AOP, AspectJ, MDA, UML profiles, eclipse plug-ins, enterprise integration, transformations, parallax

- 10 MDSD light for ERP**

Stephan Poser, Florian Lautenbacher, Bernhard Bauer

March 2008 **SAC '08: Proceedings of the 2008 ACM symposium on Applications, technologies, and architectures**

Publisher: ACM

Full text available: Pdf (260.17 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 16, Downloads (12 Months): 127, Download

Fully-fledged model-driven software development is often too expensive for small and medium enterprises (SMEs). Therefore we propose MDSD light which reduces the available effort by separating concerns such as workflow and process ...

Keywords: ERP, MDSD, SME, model-driven, process, service-oriented

- 11 Software Deployment, Past, Present and Future**

Alan Dearle

May 2007 **FOSE '07: 2007 Future of Software Engineering**

Publisher: IEEE Computer Society

Full text available:  Pdf (390.24 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 321, Download

This paper examines the dimensions influencing the past and present approach to software deployment. Software deployment is a postproduction activity that is performed on deployed software. Today's software ...

12 Survey of existing languages to model interactive web applications

Sevon Wright, Jens Dietrich

January 2008 **APCCM '08: Proceedings of the fifth on Asia-Pacific conference on computer modeling and simulation** 79, Volume 79

Publisher: Australian Computer Society, Inc.

Full text available:  Pdf (632.59 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 50, Downloads (12 Months): 413, Download

Over the last few years, the web is establishing increased importance in client-server systems. The semantic web, facilitated and driven by the popularity of client-side technologies such as AJAX, is allowing extended ...

Keywords: AJAX, RIAs, events, interactivity, models, web engineering

13 Definition and analysis of composition structures for discrete-event n

Mathias Röhl, Adelinde M. Uhrmacher

December 2008 **WSC '08: Proceedings of the 40th Conference on Winter Simulation Conference**

Publisher: Winter Simulation Conference

Full text available:  Pdf (438.32 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 24, Download

The re-use of a model by someone else than the original developer is still a major challenge. This paper defines composition structures and interface descriptions for discrete-event models that support reuse of units of description ...

14 Model-driven Development of Complex Software: A Research Roadmap

Robert France, Bernhard Rumpe

May 2007 **FOSE '07: 2007 Future of Software Engineering**

Publisher: IEEE Computer Society

Full text available:  Pdf (316.21 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 82, Downloads (12 Months): 760, Download

The term Model-Driven Engineering (MDE) is typically used to describe the development of complex systems. In this paper we show how abstract models of software systems are created and systematically transformed into concrete systems. In this paper we give an overview ...

15 Modeling semantic web services: a case study

 *Cesar J. Acuña, Esperanza Marcos*

July 2006 **ICWE '06: Proceedings of the 6th international conference on Web engineering**

Publisher: ACM

Full text available:

Additional Information:

Pdf (469.96 KB)

full citation, abs

Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 317, Downl

Nowadays, there is an enormous amount of study about the semantic Web technology: semantic Web services. However, to be widely adopted by i applications, semantic Web services development ...

Keywords: model driven architecture, profiles, semantic web services,**16 Specifications, not meta-models**

James Skene, Wolfgang Emmerich

 May 2006 **GaMMA '06:** Proceedings of the 2006 international workshop**Publisher:** ACM

Full text available: Pdf (136.48 KB)

Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 7, Downloads (12 Months): 80, Downloa

In a model-driven development, software engineers will have to manage languages. Current meta-modelling and concrete syntax standards fail t and the languages in which ...

Keywords: MDA, MOF, OCL, UML, meta-modelling**17 Model-driven in reverse: the practical experience of the AQUA project**

M. J. Escalona, J. J. Gutiérrez, L. Rodríguez-Catalán, A. Guevara

 June 2009 **EATIS '09:** Proceedings of the 2009 Euro American Conference on New Opportunities to increase Digital Citizenship**Publisher:** ACM

Full text available: Pdf (1.22 MB)

Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 18, Downloa

Model-Driven Web Engineering (MDWE) is a new paradigm which provides development. However, most experiments with MDWE towards the deve the implementation stages. However, in ...

Keywords: MDWE, model-driven engineering, web engineering, web qm**18 UML2 must enable a family of languages**

Keith Duddy

 November 2002 **Communications of the ACM**, Volume 45 Issue 11**Publisher:** ACM Full text available: Html (15.82 KB), Pdf (98.17 KB) Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 60, Downloa

UML2 needs to take advantage of new infrastructure to enable first-class superstructure language.

19 On marrying ontological and metamodeling technical spaces

 Fernando Silva Parreiras, Steffen Staab, Andreas Winter
September 2007 **ESEC-FSE '07: Proceedings of the the 6th joint meeting o conference and the ACM SIGSOFT symposium on The foun**

Publisher: ACM 

Full text available:  Pdf (285.58 KB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 10, Downloads (12 Months): 97, Download

In software engineering, the use of models and metamodeling approach such as software design or software validation is an established practice formalized using expressive logic ...

Keywords: meta modeling, model driven engineering, ontology

20 PRECISO: a reengineering process and a tool for database moderni

 Ricardo P. del Castillo, Ignacio García-Rodríguez, Ismael Caballero
March 2009 **SAC '09: Proceedings of the 2009 ACM symposium on Applie**

Publisher: ACM 

Full text available:  Pdf (1.06 MB)

Additional Information: full citation, abs

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 44, Download

A common trend in *Service Oriented Architecture* (SOA) is to consider legacy services. This current approach is not only applied to new software development but also to the maintenance of legacy ...

Keywords: ADM, MDA, SOA, relational databases, software modernisat

The ACM Portal is published by the Association for Computing Machinery. Copyright ©
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  Adobe Acrobat  QuickTime  Windows Media Player